Xia Guo

List of Publications by Year in descending order

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47	1,199	623734	377865
papers	citations	14 h-index	34 g-index

47	47	47	1923
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Recent Advances in Nonviral Vectors for Gene Delivery. Accounts of Chemical Research, 2012, 45, 971-979.	15.6	542
2	Assembly behaviors of calixarene-based amphiphile and supra-amphiphile and the applications in drug delivery and protein recognition. Advances in Colloid and Interface Science, 2019, 269, 187-202.	14.7	66
3	Recent progress in the assembly behavior of imidazolium-based ionic liquid surfactants. Journal of Molecular Liquids, 2020, 319, 114354.	4.9	53
4	The interaction between hemoglobin and two surfactants with different charges. International Journal of Biological Macromolecules, 2007, 41, 548-557.	7.5	50
5	Reverse micellar extraction of bromelain from pineapple peel â€“ Effect of surfactant structure. Food Chemistry, 2016, 197, 450-456.	8.2	50
6	Development of calixarene-based drug nanocarriers. Journal of Molecular Liquids, 2021, 325, 115246.	4.9	38
7	RNA-dependent Folding and Stabilization of C5 Protein During Assembly of the E. coli RNase P Holoenzyme. Journal of Molecular Biology, 2006, 360, 190-203.	4.2	37
8	Pineapple peel bromelain extraction using gemini surfactant-based reverse micelle â€“ Role of spacer of gemini surfactant. Separation and Purification Technology, 2018, 190, 156-164.	7.9	31
9	The effect of Î²-cyclodextrin on the properties of cetyltrimethylammonium bromide micelles. Colloid and Polymer Science, 2003, 281, 876-881.	2.1	28
10	The interaction of hemoglobin with hexadecyltrimethylammonium bromide. International Journal of Biological Macromolecules, 2005, 37, 232-238.	7.5	27
11	Extraction of ovalbumin with gemini surfactant reverse micelles â€“ Effect of gemini surfactant structure. Separation and Purification Technology, 2016, 158, 367-373.	7.9	21
12	Aggregation of single-chained cationic surfactant molecules into vesicles induced by oligonucleotide. Journal of Colloid and Interface Science, 2008, 324, 185-191.	9.4	20
13	Micellization of glucose-based surfactants with different counter ions and their interaction with DNA. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2014, 443, 224-232.	4.7	19
14	Effect of surfactant structure on reverse micellar extraction of ovalbumin. Process Biochemistry, 2015, 50, 272-278.	3.7	16
15	Reverse micellar extraction of bovine serum albumin â€“ A comparison between the effects of gemini surfactant and its corresponding monomeric surfactant. Food Chemistry, 2013, 136, 1063-1069.	8.2	15
16	Micellization of Lactosylammonium Surfactants with Different Counter Ions and Their Interaction with DNA. Journal of Chemical & Engineering Data, 2016, 61, 2969-2978.	1.9	14
17	Extraction of bovine serum albumin with reverse micelles from glucosylammonium and lactosylammonium surfactants. Process Biochemistry, 2017, 60, 108-114.	3.7	14
18	Interactions of hemoglobin with lecithin liposomes. Colloid and Polymer Science, 2006, 284, 1139-1145.	2.1	13

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19	Effect of the spacer of gemini surfactants on reverse micellar extraction of bovine serum albumin. Soft Matter, 2013, 9, 11383.	2.7	12
20	Effect of oligonucleotide conformation on its facilitation efficiency on negatively charged micelleâ€toâ€vesicle transition. Journal of Polymer Science Part A, 2010, 48, 852-860.	2.3	11
21	Ammonium and imidazolium-based amphiphilic tetramethoxy resorcinarenes: Adsorption, micellization, and protein binding. Journal of Molecular Liquids, 2020, 313, 113587.	4.9	11
22	Isomerization of Malachite Green in CTAB/nâ€CnH2n+1OH/H2O Mixed Micelles. Journal of Dispersion Science and Technology, 2003, 24, 219-228.	2.4	10
23	Facilitation effect of oligonucleotide on vesicle formation from singleâ€chained cationic surfactantâ€"Dependences of oligonucleotide sequence and size and surfactant structure. Journal of Polymer Science Part A, 2009, 47, 434-449.	2.3	10
24	Fluorescence Quenching of Anthracene by N,N-Diethylaniline in the Sodium Dodecyl Sulfate/Benzyl Alcohol/Water System. Journal of Colloid and Interface Science, 2001, 240, 559-565.	9.4	9
25	The Phase Behavior and the Structural Properties of Triton X-100/n-C8H17OH/PEG1000aqSystem. Journal of Dispersion Science and Technology, 2001, 22, 443-451.	2.4	8
26	Inclusions of methylene blue and phenothiazine by ?-cyclodextrin in sodium dodecyl sulfate micelles. Colloid and Polymer Science, 2003, 281, 777-781.	2.1	7
27	Interactions of Ovalbumin with Ionic Surfactants. Chinese Journal of Chemistry, 2008, 26, 1589-1595.	4.9	7
28	A Facile Synthesis of Bicyclo[4,1, O]Heptan-2-ones by Telluronium Ylides. Synthetic Communications, 2000, 30, 3275-3279.	2.1	6
29	Effect of surfactant structure on catalysis of microemulsion for photoisomerization of trans-stilbene. Chinese Chemical Letters, 2007, 18, 1265-1268.	9.0	5
30	Vesicle formation between single-chained cationic surfactant and plasmid DNA and its application in cell transfection. Colloid and Polymer Science, 2014, 292, 3103-3111.	2.1	5
31	Distinctive spectroscopic properties and adsorption behaviors of p-sulfonatocalixarene-cetyltrimethylammonium bromide supra-amphiphilic systems. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2020, 601, 125029.	4.7	5
32	The influence of sodium dodecyl sulfate/benzyl alcohol/H2O system on the photoisomerization of trans-stilbene. Journal of Colloid and Interface Science, 2005, 283, 578-584.	9.4	4
33	Effects of salt and temperature on singleâ€chained cationic surfactant/oligodeoxynucleotide vesicle formation. Journal of Polymer Science Part A, 2012, 50, 1740-1745.	2.3	4
34	The wormlike micelles formed using an ionic liquid surfactant and polar organic solvents at low temperature without additives and their lubricant properties. Soft Matter, 2021, 17, 1437-1444.	2.7	4
35	Effect of sulfobetaine surfactant on the activities of bromelain and polyphenoloxidase. Journal of Molecular Liquids, 2021, 328, 115439.	4.9	4
36	The self-organization properties of n-dodecylammonium Î±-glutamate/n-C5H11OH/water system. Colloid and Polymer Science, 2007, 285, 1423-1431.	2.1	3

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37	Plasmid DNA induces dodecyl triethyl ammonium bromide to aggregate into vesicle. Chinese Chemical Letters, 2012, 23, 1396-1398.	9.0	3
38	Vesicle formation between single-chained cationic surfactants and ribo-oligonucleotides. Chinese Chemical Letters, 2013, 24, 82-84.	9.0	3
39	Micellization of N-dodecylglucosylamine and its interaction with DNA in the presence of carboxylic acid. Colloid and Polymer Science, 2015, 293, 2599-2608.	2.1	3
40	A Facile Synthesis of Dispiro-Ring Compounds Via Telluronium Ylides. Synthetic Communications, 2000, 30, 3363-3367.	2.1	2
41	The photoisomerization of trans-stilbene in Triton X-100/n-C5H11OH/H2O microemulsions. Colloid and Polymer Science, 2008, 286, 169-174.	2.1	2
42	Micelleâ€toâ€vesicle transition induced by oligonucleotide in SDS/DEAB mixed system with a net negative charge. Journal of Polymer Science Part A, 2008, 46, 7491-7504.	2.3	2
43	Activity of Polyphenoloxidase in red Fuji Apples Promoted with Cationic Surfactant â€“ Role of Surfactant Structure. Tenside, Surfactants, Detergents, 2021, 58, 383-393.	1.2	2
44	Fluorescence quenching of anthracene by N, N-diethylaniline in the O/W microemulsion. Chinese Journal of Chemistry, 2010, 18, 801-807.	4.9	1
45	Effects of Acid and Base on the Inductive Efficiency of Oligonucleotide on the Vesicle Formation from Singleâ€Chained Cationic Surfactant. Chinese Journal of Chemistry, 2010, 28, 2130-2136.	4.9	1
46	Activity of Bromelain with Cationic Surfactants and the Correlation with the Change of 1 H NMR Signals. Journal of Surfactants and Detergents, 2021, 24, 111-119.	2.1	1
47	Emulsion formed in bovine serum album/anionic surfactant/H2O system under acidic condition. International Journal of Biological Macromolecules, 2011, 48, 518-522.	7.5	0